

## Productivity First-Round Winner

Innovations Challenge

<http://wwwi/intranet/cr/SolutionsAtWork/Innovations.htm>

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Prepared by Transportation Planning  
Missouri Department of Transportation

## Lighted ATV Whip on Tow Plow



### Description

A Lighted ATV Whip was installed on the back of the tow plow to make it more visible at night. The whips come in different colors and provide a visible marker for the driver of the tow plow. The whips hook up to existing power on the trailer. The lights have been used for two plowing seasons and have received positive reviews from drivers of the plows.

### Benefit

During winter operations nightshifts, lights from vehicles behind the tow plow can distort the operator's view making it difficult to determine the location of the end of the tow plow. The operator is often making adjustments when coming to turnaround locations such as ramps and overhangs. The Lighted ATV Whip greatly improves safety for the driver and for motorists. With the installation of this device, the end of the tow plow is easier to see while around traffic, crossing bridges and near guardrail. The operator spends less time looking in the mirror trying to find the tow plow end and more time looking down the road.

### Materials and Labor

Material costs of \$80 with three hours of labor.

### For More Information Contact:

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Additional photos can be seen by accessing the Innovations Challenge homepage at:  
<http://wwwi/intranet/cr/SolutionsAtWork/Innovations.htm>.